

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Anneliese S. Mayer on 9/1/11

The application has been amended as follows:

#### **IN THE CLAIMS**

Cancel claims 50, 52-54, 56-60, 78, 80-82 and 84-98.

In claim 63, line 1, delete "62" and substitute thereof -61--.

### **REASONS FOR ALLOWANCE**

2. The following is an examiner's statement of reasons for allowance:

None of the prior art is found to teach or sufficiently suggest a method of forming a polymer-inorganic composite article by milling an inorganic submicron particulate material, having a particle size from 1 nm up to 1000 nm, in a polymer, with a loading rate of 0.01 to 20 wt% of the total weight of polymer and inorganic material; casting the dispersion into a mould; and curing the mixture; wherein the mixing step prevents the formation of gas bubbles in the mixture and provides a dispersion having a substantially even distribution of particulate material in the polymer.

Thus, claims 61, 63 and 65-77 are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KELECHI EGWIM whose telephone number is (571)272-1099. The examiner can normally be reached on M-T (7:30-6:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wu can be reached on (571) 272-1114. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

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/Dr. Kelechi C. Egwim/  
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KCE